

## GENERAL NOTES

- Wire Rope:** Wire rope shall meet the requirements of Federal Specification RR-W-410D, Latest Edition, Type 304 Stainless Steel 7 x 19 IWRC aircraft cable, Extra improved plow steel. The cable shall be  $\frac{1}{4}$ " diameter having a minimum breaking load of 6400 lbs and a working and a working load limit of 1400 lbs.
- Clips:** Wire rope clips shall be stainless steel and meet Federal Specifications FF-C-450D, Type I, Class I. A minimum of 3 clips shall be installed at each loop fitting. Nuts for clips shall be tightened to a torque of 15 ft-lbs.
- Thimbles:** Wire rope thimbles shall be  $\frac{1}{4}$ " heavy stainless steel and meet Federal Specification FF-T-276b, Type III.
- Turnbuckle:** Turnbuckles shall be  $\frac{1}{2}$ " diameter with a 6" take up and jaw end fittings at both ends that meet Federal Specification FF-T-791B, Type I, Form I, Class 7. Turnbuckles shall be forged stainless steel, quenched and tempered. Turnbuckles shall have a minimum breaking load of 11,000 lbs and a working load limit of 2,200 lbs.
- Steel Pipe:** Stainless steel pipes shall be nominal  $\frac{3}{4}$ " diameter standard weight pipe meeting A 53, Grade B furnished to the dimensions shown on the Plans. The outside edges of the pipe shall be deburred to prevent damage to the wire rope.
- Epoxy Adhesive:** Refer to SHA Specification 921.04.

APPROVAL	
<i>L. S. Friedman</i> DIRECTOR OFFICE OF STRUCTURES	
DATE: 2/9/07	
REVISIONS	
SHA	FHWA

FHWA APPROVAL
DATE:

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF STRUCTURES

NOISE WALL PANEL RESTRAINT DETAIL  
GENERAL NOTES

STANDARD NO. BR-SR(0,10)-07-378

SHEET 1 OF 2

STRUCTURAL REPAIRS